attach to the end of garden hoses are popular with home gardeners, but are less satisfactory, in general, for use on ornamental plants, and in particular, against pests like scales and spider mites. The spray pattern is usually coarse, and it is difficult to direct the spray to reach and adequately cover the undersides of the leaves, especially those near the ground, and the side of plants close to a building or fence. If a hose attachment sprayer is used, the emulsifiable concentrate formulation of insecticide is preferred over the wettable powder.

6. General-purpose sprays for insect control. Needless to say, it is impossible to suggest one spray mixture that will control all insect pests of ornamentals. It will often be necessary to make additional treatments with other insecticides for certain pests.

An example of a general-purpose spray is one containing (1) malathion plus (2) chlordane, Sevin or DDT plus (3) Kelthane or Tedion. The malathion is primarily for sucking insects including aphids, mealybugs, whiteflies and scales; the Sevin, chlordane or DDT controls a wide range of chewing insects including beetles, caterpillars; the Kelthane or Tedion controls spider mites. General-purpose sprays are commercially available.

In the next issue we will reproduce the remainder of this paper. It deals with the amounts of insecticides to use and what to use for the different insects.

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DIRECTORS

1962-1965

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Mrs. L. T. King
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1963-1966

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1964-1967

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CHAPTER PRESIDENTS

HALIFAX
Mrs. W. A. Squires
2075 S. Halifax
Daytona Beach, Florida

MID-FLORIDA
Mr. H. A. Gilliard, Jr.
2523 E. Central Ave.
Orlando, Fla.

INDIAN RIVER
Mr. Harry Schultz
6307 Oleander Ave.
Ft. Pierce, Florida

NORMAN REASONER
Mr. James M. Wallace
P. O. Box 1889
Bradenton, Florida

JACKSONVILLE
Mrs. Louise Dorsey
1816 Embassy Drive
Jacksonville, Florida

PUTNAM COUNTY
Mrs. Lillian Price
Palm Avenue
Palatka, Florida

JAMES E. HENDRY
Mr. Ralph H. Philo
3644 Marion St.
Ft. Myers, Florida

RIDGE
Mr. Frank Ireland
1114 East Lake Parker Dr.
Lakeland, Florida

LAKE COUNTY
Mr. Roxy Martin
P. O. Box 572
Eustis, Florida

SUNSET
Mr. Mark Swingley
2113 W. Powhattan Ave.
Tampa, Florida